

In the Claims

For the convenience of the Examiner, all pending claims of the present Application are shown below whether or not an amendment has been made.

1. (Original) A method for providing services for wireless data calls, comprising:

monitoring a wireless data call for a predefined event associated with a service for the wireless data call; and

initiating the service for the wireless data call in response to detecting the predefined event for the wireless data call.

2. (Original) The method of Claim 1, wherein the predefined event comprises a uniform resource locator (URL) match.

b1 3. (Original) The method of Claim 1, wherein the predefined event comprises a uniform resource locator (URL) change.

4. (Original) The method of Claim 1, wherein the predefined event comprises use of transmission resources in excess of a predefined amount.

5. (Original) The method of Claim 1, wherein the predefined event comprises a use of transmission resources in a forward direction from a mobile device to a wireless network in excess of a predefined amount.

6. (Original) The method of Claim 1, wherein the predefined event comprises a use of transmission resources in a reverse direction from a wireless network to a mobile device in excess of a predefined amount.

7. (Original) The method of Claim 1, wherein the predefined event comprises a location-based event.

8. (Original) The method of Claim 1, wherein the predefined event comprises a location change of a mobile device for the wireless data call.

9. (Original) The method of Claim 1, further comprising:
monitoring the wireless data call for a plurality of predefined events together associated with a service for the wireless data call; and
initiating the service for the data call in response to detecting a predefined number of the predefined events.

10. (Withdrawn) The method of Claim 1, further comprising:
monitoring a wireless network maintaining the wireless data call for a network-based event associated with a network directed service for the wireless data call; and
initiating the network directed service for the wireless data call in response to detecting the network-based event.

b1 11. (Withdrawn) The method of Claim 10, wherein the network-based event comprises a data alert.

12. (Withdrawn) The method of Claim 10, wherein the network-based event comprises a status of facility change.

13. (Original) The method of Claim 1, wherein the service comprises a prepaid calling card service.

14. (Original) The method of Claim 1, wherein the service comprises a volume-limited network access service.

15. (Original) The method of Claim 1, wherein the service comprises a time-limited network access service.

16. (Original) The method of Claim 1, wherein the service comprises a location-based service.

17. (Original) The method of Claim 1, wherein the service comprises a web filtering service.

18. (Original) The method of Claim 17, wherein the predefined event comprises requesting access to a web site and the service comprises granting access to the web site.

19. (Original) The method of Claim 17, wherein the predefined event comprises requesting access to a web site and the service comprises denying access to the web site.

20. (Original) The method of Claim 1, wherein the service comprises a automatic web site redirection.

21. (Original) The method of Claim 1, wherein the service comprises a quality of service (QoS) based billing service.

22. (Original) The method of Claim 1, wherein the service comprises a uniform resource locator (URL) based billing service.

23. (Withdrawn) The method of Claim 10, wherein the network directed service comprises announcements from the wireless network.

24. (Withdrawn) The method of Claim 10, wherein the network directed service comprises advertisements from the wireless network.

25. (Withdrawn) The method of Claim 10, wherein the network directed service comprise delivery of news content.

26. (Original) The method of Claim 1, further comprising:
monitoring the wireless data call for a plurality of predefined events, each associated with a service for the wireless data call; and
initiating a service for the wireless data call in response to detecting the associated predefined event for the wireless data call.

27. (Original) The method of Claim 1, wherein the predefined event comprises a service trigger, further comprising retrieving the service trigger from a service agent at setup of the data call.

28. (Original) The method of Claim 1, wherein the predefined event comprises a service trigger, further comprising:
retrieving a plurality of service triggers from a service agent for the data call at call setup;
monitoring the wireless data call for a service trigger; and
initiating a service associated with the service trigger for the wireless data call in response to detecting the service trigger.

29. (Original) The method of Claim 1, further comprising monitoring content of the data call for the predefined event.

30. (Original) The method of Claim 1, further comprising monitoring content of data call in real-time for the predefined event.

31. (Original) A system for providing services for wireless data calls, comprising:
a computer processable medium; and
logic stored on the computer processable medium, the logic operable to monitor a wireless data call for a predefined event associated with a service for the wireless data call and to initiate the service for the wireless data call in response to detection of the predefined event for the wireless data call.

32. (Original) The system of Claim 31, wherein the predefined event comprises a uniform resource locator (URL) match.

33. (Original) The system of Claim 31, wherein the predefined event comprises a uniform resource locator (URL) change.

34. (Original) The system of Claim 31, wherein the predefined event comprises use of transmission resources in excess of a predefined amount.

35. (Original) The system of Claim 31, wherein the predefined event comprises a use of transmission resources in a forward direction from a mobile device to a wireless network in excess of a predefined amount.

B1 36. (Original) The system of Claim 31, wherein the predefined event comprises a use of transmission resources in a reverse direction from a wireless network to a mobile device in excess of a predefined amount.

37. (Original) The system of Claim 31, wherein the predefined event comprises a location-based event.

38. (Original) The system of Claim 31, wherein the predefined event comprises a location change of a mobile device for the wireless data call.

39. (Original) The system of Claim 31, to logic further operable to monitor the wireless data call for a plurality of predefined events together associated with a service for the wireless data call and to initiate the service for the data call in response to detecting all of the predefined events.

40. (Withdrawn) The system of Claim 31, the logic further operable to monitor a wireless network maintaining the wireless data call for a network-based event associated with a network directed service for the wireless data call and to initiate the network directed service for the wireless data call in response to detecting the network-based event.

41. (Withdrawn) The system of Claim 40, wherein the network-based event comprises a data alert.

42. (Withdrawn) The system of Claim 40, wherein the network-based event comprises a status of facility change.

43. (Original) The system of Claim 31, wherein the service comprises a prepaid calling card service.

b1 44. (Original) The system of Claim 31, wherein the service comprises a volume-limited network access service.

45. (Original) The system of Claim 31, wherein the service comprises a time-limited network access service.

46. (Original) The system of Claim 31, wherein the service comprises a location-based service.

47. (Original) The system of Claim 31, wherein the service comprises a web filtering service.

48. (Original) The system of Claim 47, wherein the predefined event comprises requesting access to a web site and the service comprises granting access to the web site.

49. (Original) The system of Claim 47, wherein the predefined event comprises requesting access to a web site and the service comprises denying access to the web site.

50. (Original) The system of Claim 31, wherein the service comprises a automatic web site redirection.

51. (Original) The system of Claim 31, wherein the service comprises a quality of service (QoS) based billing service.

52. (Original) The system of Claim 31, wherein the service comprises a uniform resource locator (URL) based billing service.

53. (Withdrawn) The system of Claim 40, wherein the network directed service comprises announcements from the wireless network.

54. (Withdrawn) The system of Claim 40, wherein the network directed service comprises advertisements from the wireless network.

55. (Withdrawn) The system of Claim 40, wherein the network directed service comprise delivery of news content.

56. (Original) The system of claim 31, the logic further operable to monitor the wireless data call for plurality of predefined events, each associated with a service for the wireless data call, and to initiate a service for the wireless data call in response to detecting the associated predefined event for the wireless data call.

57. (Original) The system of claim 31, wherein the predefined event comprises a service trigger, the logic further operable to retrieve the service trigger from a service agent at setup of the data call.

58. (Original) The system of claim 31, wherein the predefined event comprises a service trigger, the logic further operable to retrieve a plurality of service triggers from a service agent for the data call at call setup, monitor the wireless data call for a service trigger, and initiate a service associated with the service trigger for the wireless data call in response to detecting the service trigger.

59. (Original) The system of claim 31, the logic further operable to monitor content of the data call for the predefined event.

60. (Original) The method of claim 31, the logic further operable to monitor content of the data call in real-time for the predefined event.

61. (Original) A system for providing services for wireless data calls, comprising:
means for monitoring a wireless data call for a predefined event associated with the service for the wireless data call; and

B1 means for initiating the service for the wireless data call in response to detection of the predefined event for the wireless data call.

62. (Original) The system of Claim 61, wherein the predefined event comprises a uniform resource locator (URL) match.

63. (Original) The system of Claim 61, wherein the predefined event comprises a uniform resource locator (URL) change.

64. (Original) The system of Claim 61, wherein the predefined event comprises use of transmission resources in excess of a predefined amount.

65. (Original) The system of Claim 61, wherein the predefined event comprises a use of transmission resources in a forward direction from a mobile device to a wireless network in excess of a predefined amount.

66. (Original) The system of Claim 61, wherein the predefined event comprises a use of transmission resources in a reverse direction from a wireless network to a mobile device in excess of a predefined amount.

67. (Original) The system of Claim 61, wherein the predefined event comprises a location-based event.

68. (Original) The system of Claim 61, wherein the predefined event comprises a location change of a mobile device for the wireless data call.

69. (Original) The system of Claim 61, further comprising:
means for monitoring the wireless data call for a plurality of predefined events together associated with a service for the wireless data call; and

means for initiating the service for the data call in response to detecting all of the predefined events.

70. (Withdrawn) The system of Claim 61, further comprising:
means for monitoring a wireless network maintaining the wireless data call for a network-based predefined event associated with a network directed service for the wireless data call; and
means for initiating the network directed service for the wireless data call in response to detecting the network-based predefined event.

71. (Withdrawn) The system of Claim 70, wherein the network-based predefined event comprises a data alert.

72. (Withdrawn) The system of Claim 70, wherein the network-based predefined event comprises a status of facility change.

73. (Original) The system of Claim 61, wherein the service comprises a prepaid calling card service.

74. (Original) The system of Claim 61, wherein the service comprises a volume-limited network access service.

75. (Original) The system of Claim 61, wherein the service comprises a time-limited network access service.

76. (Original) The system of Claim 61, wherein the service comprises a location-based service.

77. (Original) The system of Claim 61, wherein the service comprises a web filtering service.

78. (Original) The system of Claim 77, wherein the predefined event comprises requesting access to a web site and the service comprises granting access to the web site.

B1 79. (Original) The system of Claim 77, wherein the predefined event comprises requesting access to a web site and the service comprises denying access to the web site.

80. (Original) The system of Claim 61, wherein the service comprises a automatic web site redirection.

81. (Original) The system of Claim 61, wherein the service comprises quality of service (QoS) based billing services.

82. (Original) The system of Claim 61, wherein the service comprises uniform resource locator (URL) based billing services.

83. (Withdrawn) The system of Claim 70, wherein the network directed service comprises announcements from the wireless network.

84. (Withdrawn) The system of Claim 70, wherein the network directed service comprises advertisements from the wireless network.

85. (Withdrawn) The system of Claim 70, wherein the network directed service comprise delivery of news content.

86. (Withdrawn) A wireless access system, comprising:
wireless signaling management system and a gateway operable to establish and maintain a wireless data call between a mobile device and the Internet;
the wireless signaling management system operable to communicate with a network service layer to provision the gateway with service triggers for the wireless data call; and
the gateway operable to monitor content of the wireless data call for the service triggers and to initiate service logic associated with a service trigger upon detection of the service trigger for the wireless data call.

B1 87. (Withdrawn) The wireless access system of Claim 86, the wireless signaling management system further operable to monitor the network service layer for network-directed service triggers for the data call and to initiate service logic associated with a network-directed service trigger upon detection of the network-directed service trigger for the data call.

88. (Withdrawn) The wireless access system of Claim 86, wherein the service logic is operable to perform prepaid calling card services.

89. (Withdrawn) The wireless access system of Claim 86, wherein the service logic is operable to perform location based services.

90. (Withdrawn) The wireless access system of Claim 86, wherein the service logic is operable to perform web filtering services.

91. (Withdrawn) The wireless access system of Claim 86, wherein the service logic is operable to perform quality of service (QoS) based billing services.

92. (Withdrawn) The wireless access system of Claim 86, wherein the service logic is operable to perform uniform resource locator (URL) based billing services.

93. (Withdrawn) The wireless access system of Claim 86, wherein the wireless signaling management system comprises an air agent.

94. (Withdrawn) The wireless access system of Claim 86, wherein the air gateway is operable to monitor content of the wireless data call for the service triggers in real-time and to initiate service logic associated with a service trigger upon detection of the service trigger for the wireless data call.

95. (Original) A system for providing services for wireless data calls, comprising:
means for monitoring a wireless data call for a predefined event associated with a service for the wireless data call; and
means for initiating the service for the wireless data call in response to detecting the predefined event for the wireless data call.

96. (Original) The system of Claim 95, further comprising:
means for monitoring the wireless data call for a plurality of predefined events together associated with a service for the wireless data calls; and
means for initiating the service for the data call in response to detecting a predefined number of the predefined events.

97. (Withdrawn) The system of Claim 95, further comprising:
means for monitoring a wireless network maintaining the wireless data call for a network-based event associated with a network directed service for the wireless data call; and
means for initiating the network directed service for the wireless data call in response to detecting the network-based event.

98. (Original) The system of Claim 95, further comprising:
means for monitoring the wireless data call for a plurality of predefined events, each associated with a service for the wireless data call; and
means for initiating a service for the wireless data call in response to detecting the associated predefined event for the wireless data call.

99. (Original) The system of Claim 95, wherein the predefined event comprises a service trigger, further comprising means for retrieving the service trigger from a service agent at setup of the data call.

100. (Original) The system of Claim 95, wherein the predefined event comprises a service trigger further comprising:
means for retrieving a plurality of service triggers from a service agent for the data call at call set up;
means for monitoring the wireless data call for a service trigger; and
means for initiating a service associated with the service trigger for the wireless data call in response to detecting the service trigger.

101. (Original) The system of Claim 95, further comprising means for monitoring content of the data call for the predefined event.

102. (Original) The system of Claim 95, further comprising means for monitoring content of the data call in real-time for the predefined event.
